

ITEM: 16

SUBJECT: El Dorado Irrigation District, El Dorado Hills Wastewater Treatment Plant,  
El Dorado County

BOARD ACTION: *Consideration of New Time Schedule Order (NPDES Permit No. CA 0078671)*

BACKGROUND: The El Dorado Irrigation District (Discharger) owns and operates the El Dorado Hills Wastewater Treatment Plant (Facility) that provides sewerage service for the community of El Dorado Hills. The Facility is permitted to discharge up to 4.0 million gallons per day of tertiary treated effluent into Carson Creek, a water of the United States, and a tributary to Cosumnes River. The United States Environmental Protection Agency and the Central Valley Regional Water Quality Control Board (Central Valley Water Board) have classified this discharge as a major discharge.

On 22 June 2007, the Central Valley Water Board adopted Waste Discharge Requirements Order No. R5-2007-0069 (NPDES Permit) that contains compliance schedules and requires full compliance with final effluent limitations for copper, zinc, bis(2-ethylhexyl)phthalate, dibromochloromethane (DBCM), dichlorobromomethane (DCBM), and cyanide by 18 May 2010. The NPDES Permit also contains a compliance schedule for persistent chlorinated hydrocarbon pesticides (pesticides) with full compliance required by 18 May 2012.

On 4 November 2009, the Discharger submitted a request for an extension of the compliance schedules for the above listed constituents. Currently, the Discharger is completing a Water Effects Ratio study for copper and zinc, and source investigations for bis(2-ethylhexyl)phthalate and pesticides. Additionally, the Discharger is completing construction of an ultra-violet light disinfection system that is expected to minimize the formation of DBCM, DCBM, and cyanide, and projected to be fully operational in May 2011. Based on the resultant findings of the studies and the additional time needed to complete Facility upgrades necessary to comply, the Discharger anticipates that it will be unable to have the necessary facilities operational by the applicable compliance dates required in the NPDES Permit.

The Discharger proposes full compliance with the DBCM and DCBM effluent limitations by 1 June 2011, and with cyanide effluent limitations by 1 February 2014. The Discharger also proposes completion of studies and any necessary facility upgrades for compliance with the effluent limitations for copper, zinc, bis(2-ethylhexyl)phthalate and the pesticides by 1 June 2013. A new Time Schedule Order is proposed extending the compliance dates for these constituents as discussed above.

ISSUES: None.

Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_  
18 March 2010  
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